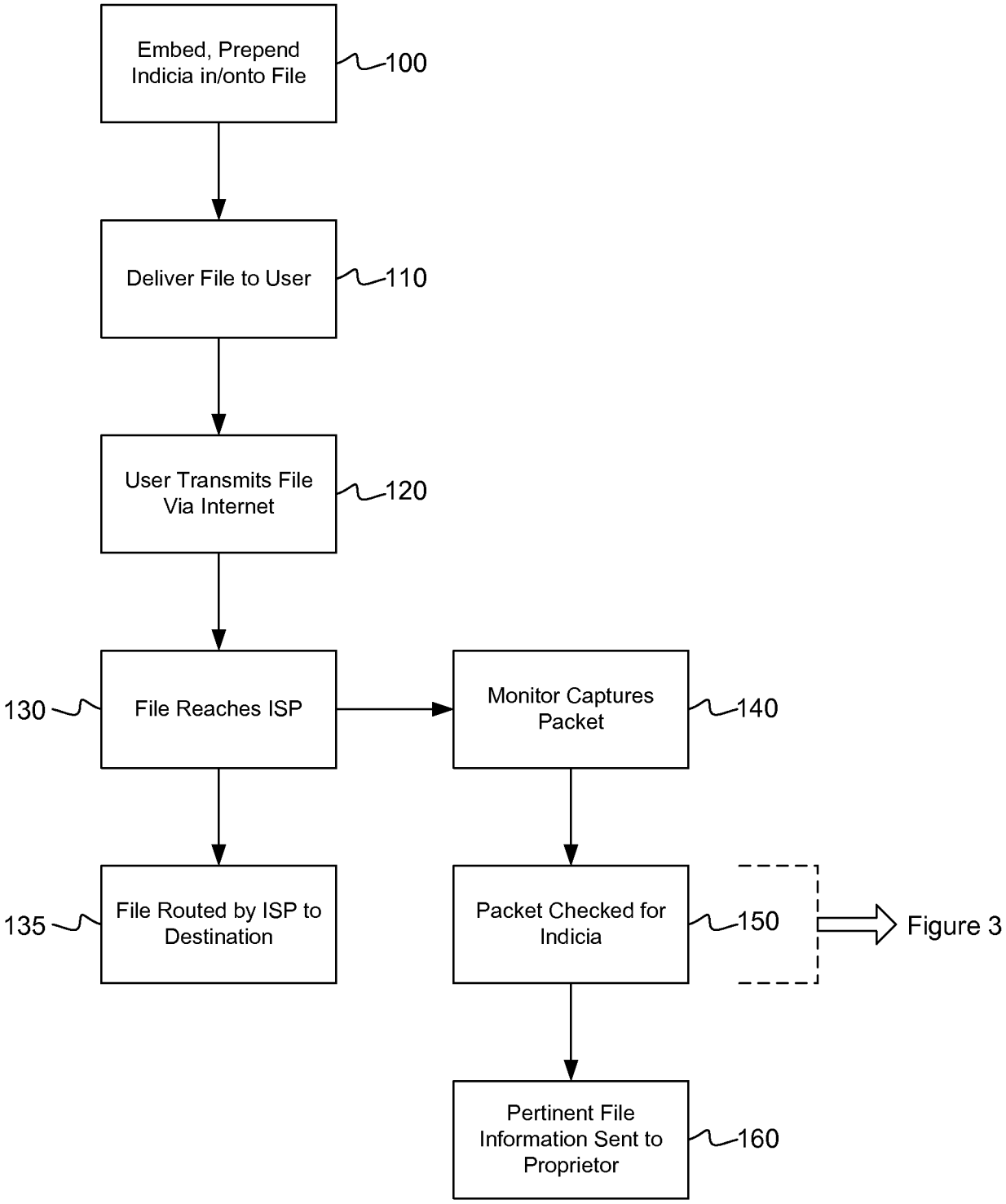
Embed, Prepend Indicia in/onto File
100
Deliver File to User
110
User Transmits File Via Internet
120
130
File Reaches ISP
Monitor Captures Packet
140
135
File Routed by ISP to Destination
Packet Checked for Indicia
150
Figure 3
Pertinent File Information Sent to Proprietor
160

Figure 1

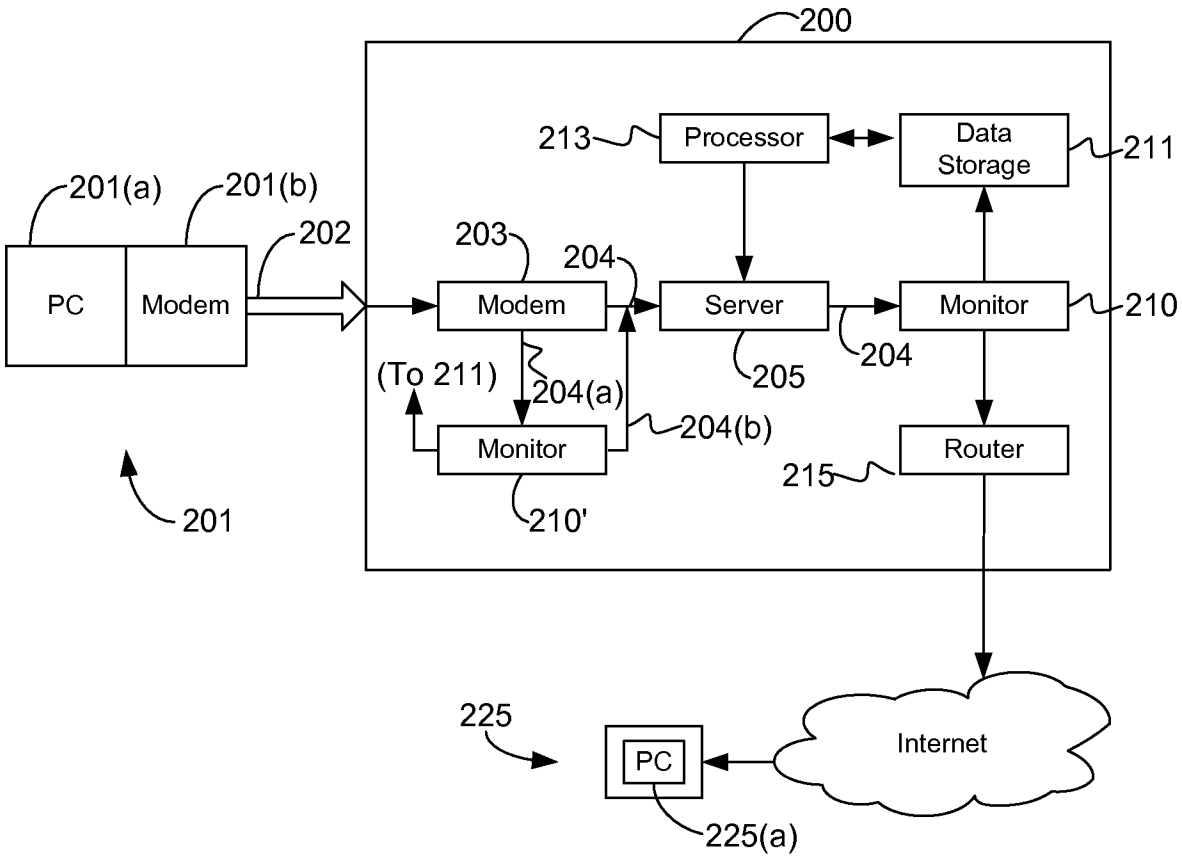

Figure 2

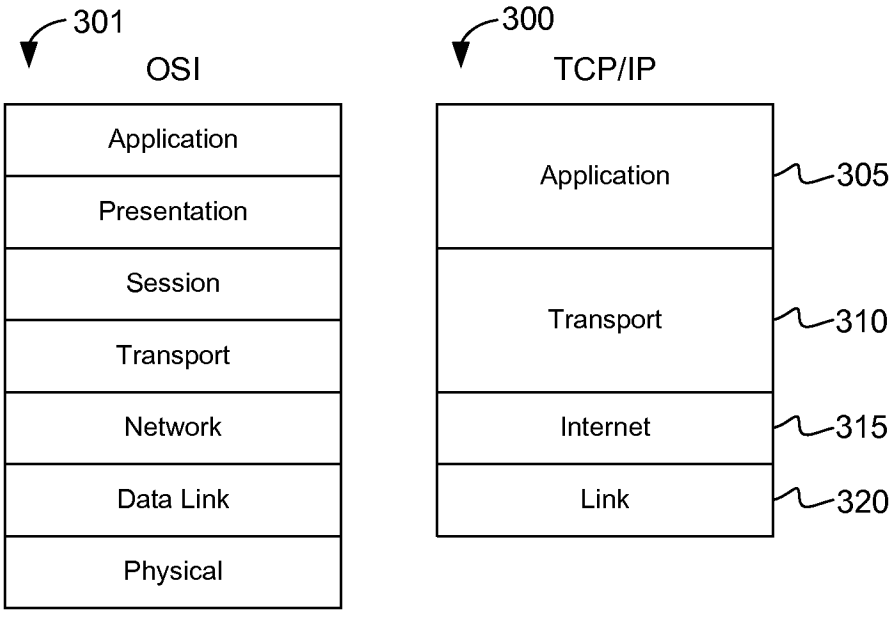

Figure 3 (Prior Art)

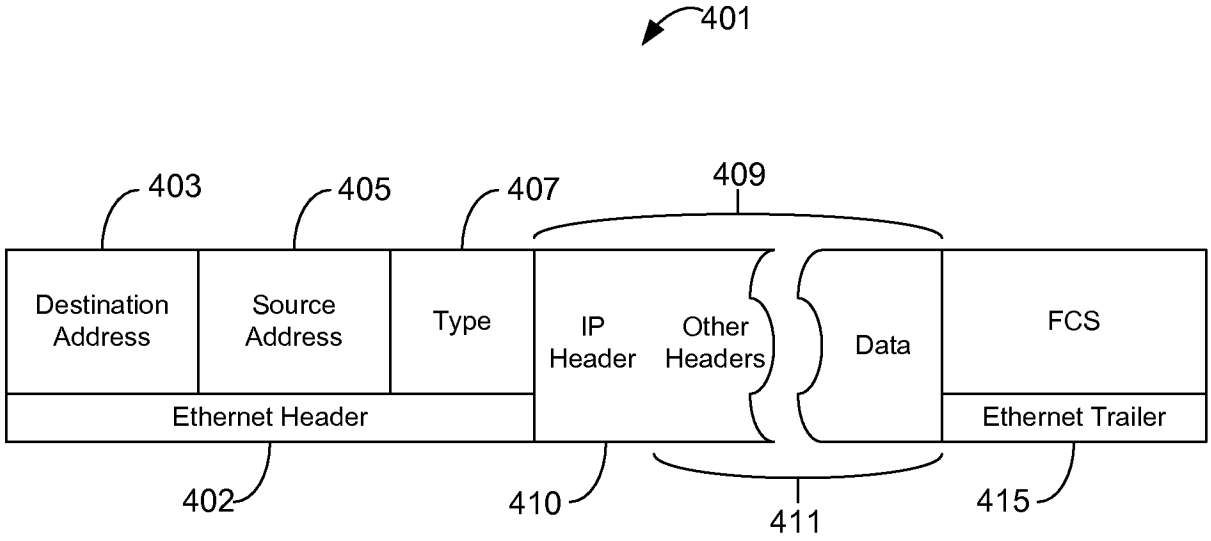

Figure 4A (Prior Art)

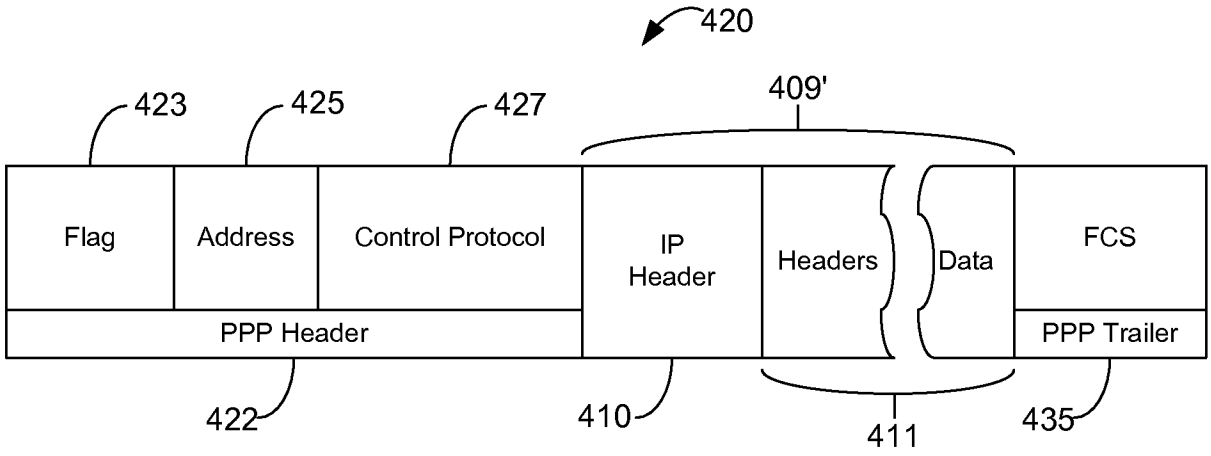

Figure 4B (Prior Art)

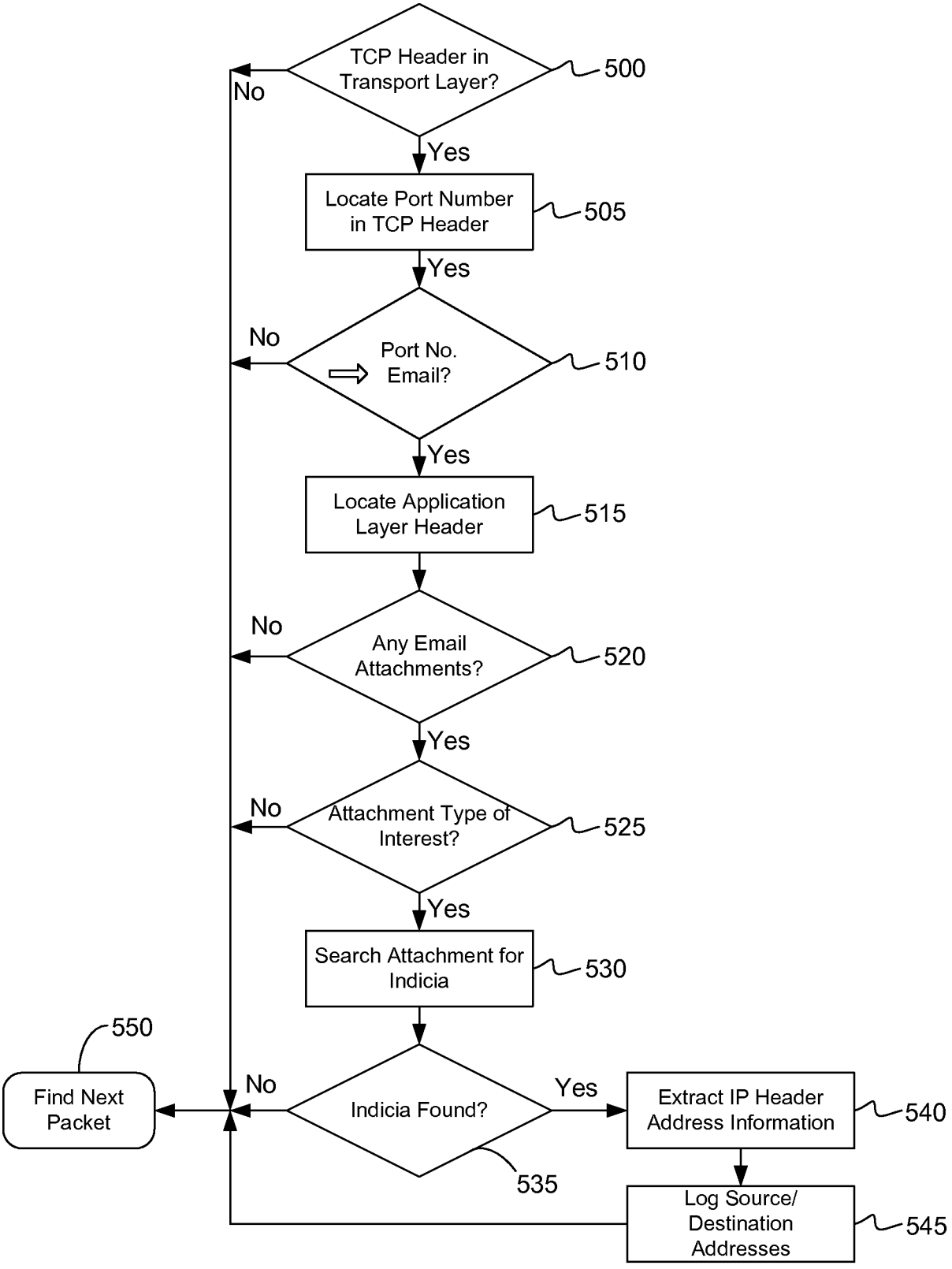
TCP Header in Transport Layer?
500
No
Yes
Locate Port Number in TCP Header
505
Yes
No
Port No. Email?
510
Yes
Locate Application Layer Header
515
No
Any Email Attachments?
520
Yes
No
Attachment Type of Interest?
525
Yes
Search Attachment for Indicia
530
550
Find Next Packet
No
Indicia Found?
Yes
535
Extract IP Header Address Information
540
Log Source/ Destination Addresses
545

Figure 5

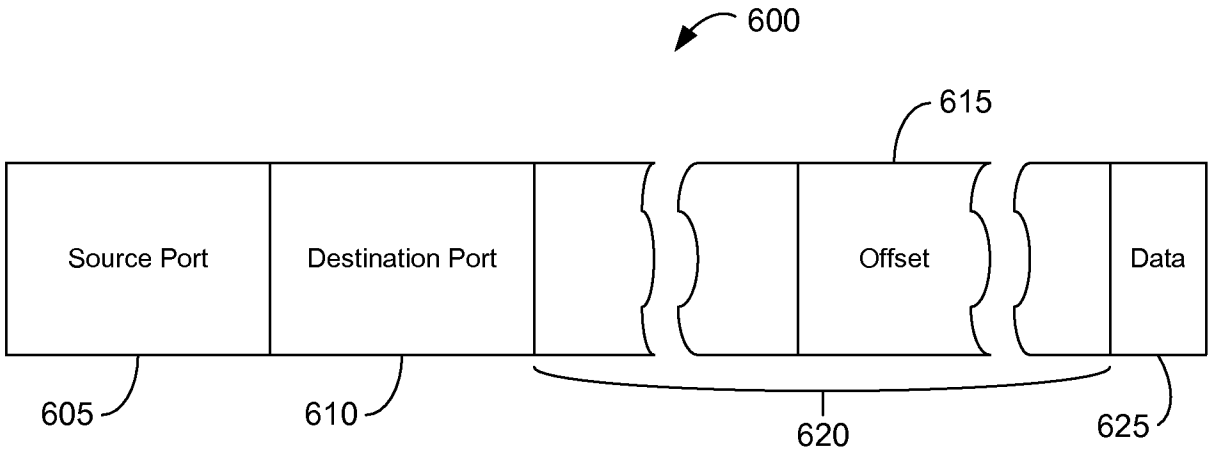

Figure 6 (Prior Art)

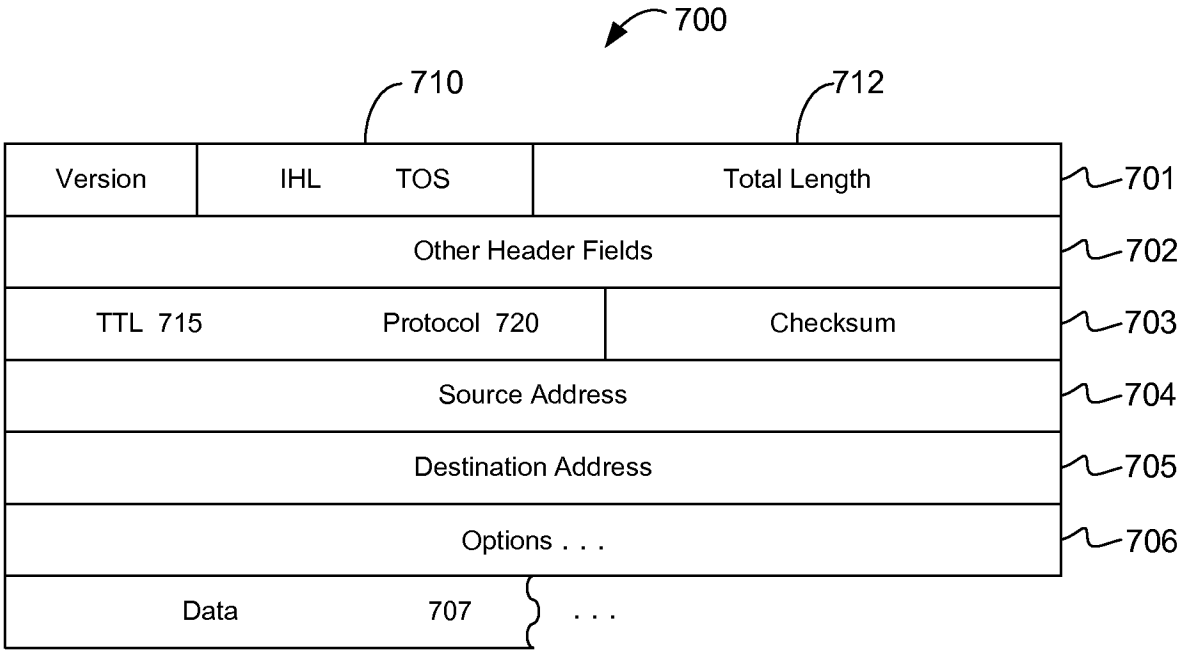

Figure 7A (Prior Art)

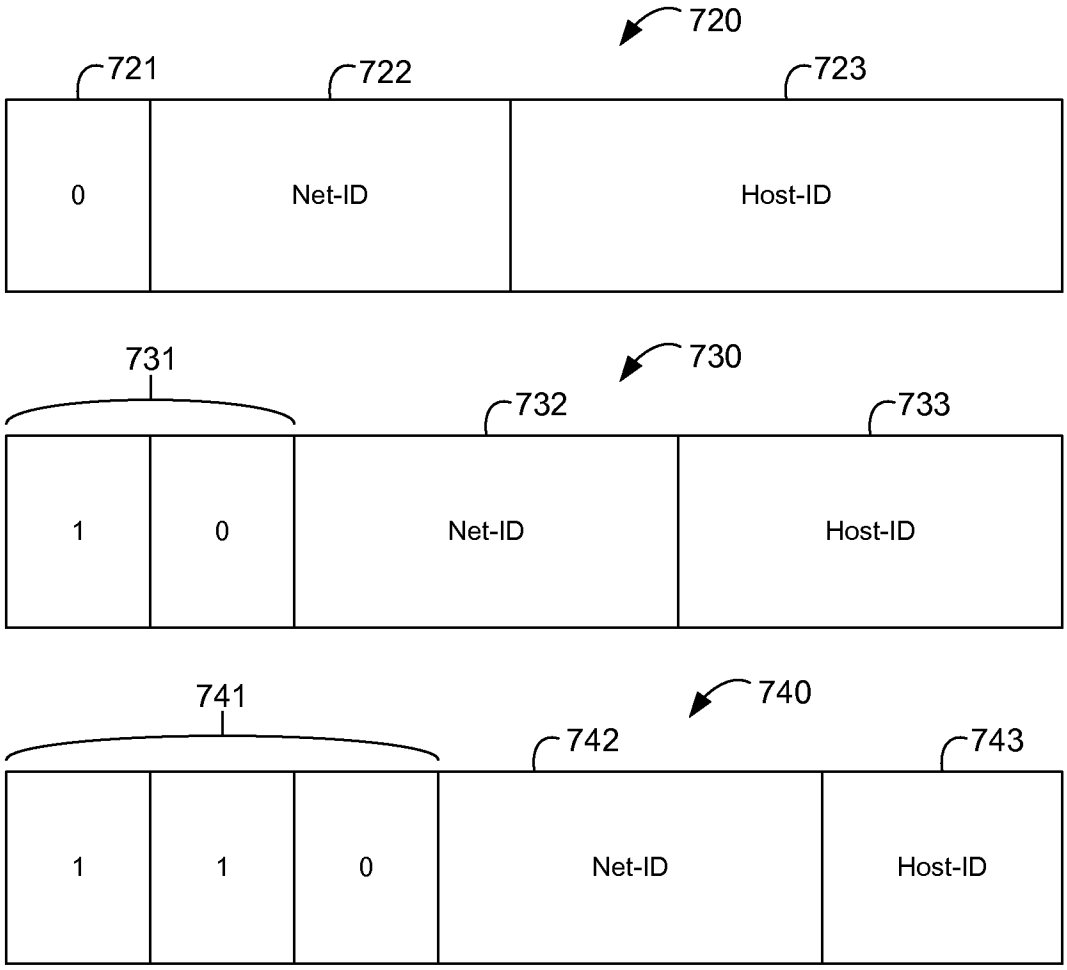

Figure 7B (Prior Art)

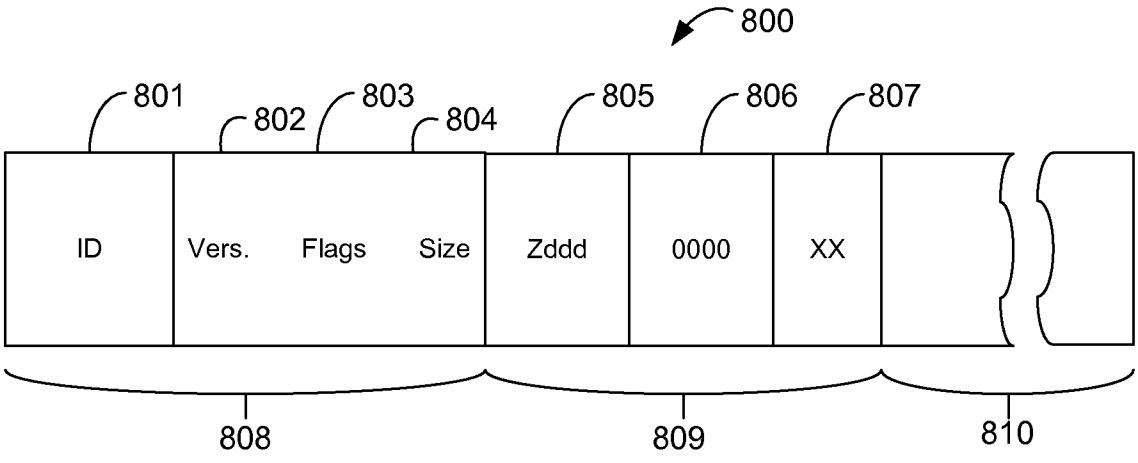

Figure 8